

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael Murray et al.)
Serial No.: 10/691,686) Group Art Unit: 1712
Filed: 10/23/2003) Examiner: Buttner, David
For: STATIC DISSIPATING RESIN COMPOSITION)
AND METHODS FOR MANUFACTURE THEREOF)

DECLARATION PURSUANT TO 37 C.F.R. § 1.132

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I, James Finan, declare and state:

1. My educational background includes a Ph. D. in Chemistry from Harvard (1986).
2. I have been employed by the General Electric Company since 8/8/88, where I am currently a Product Development Chemist.
3. I am a member of the group where this invention was made.
4. Since the inventor has left the company, I supervised the measurement of the refractive index for the blends that were made.
5. Haze values were measured for the poly(cyclohexane-1,4-dimethylene cyclohexane-1,4 dicarboxylate)-polycarbonate (hereinafter PCCD/PC blends) in the PCCD to PC weight ratios below 1.6, at around 1.8 and above 2.0. Each sample contained 21 wt% of polyetheresteramide polymer. The results are shown in Table 1 below.


Table 1

PC:PCCD (wt units)	Ratio	Haze (%)
30:70	2.33	18.6
35:65	1.86	4.1
40:60	1.50	9.8
45:55	1.22	26.2

From the Table 1, it may be seen that there is a substantial reduction in haze when the weight ratio of PCCD to PC is between 1.6 and 2. This result is unexpected and indicates that when the weight ratio of PCCD to PC is between 1.6 and 2 there is an unexpected synergy between the polyetheresteramide polymer and the components of the blend, i.e., PCCD and PC.

6. I further declare that all statements and representations made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and representations were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therefrom.

9/1/05
Dated


James Finan